

CASE 1

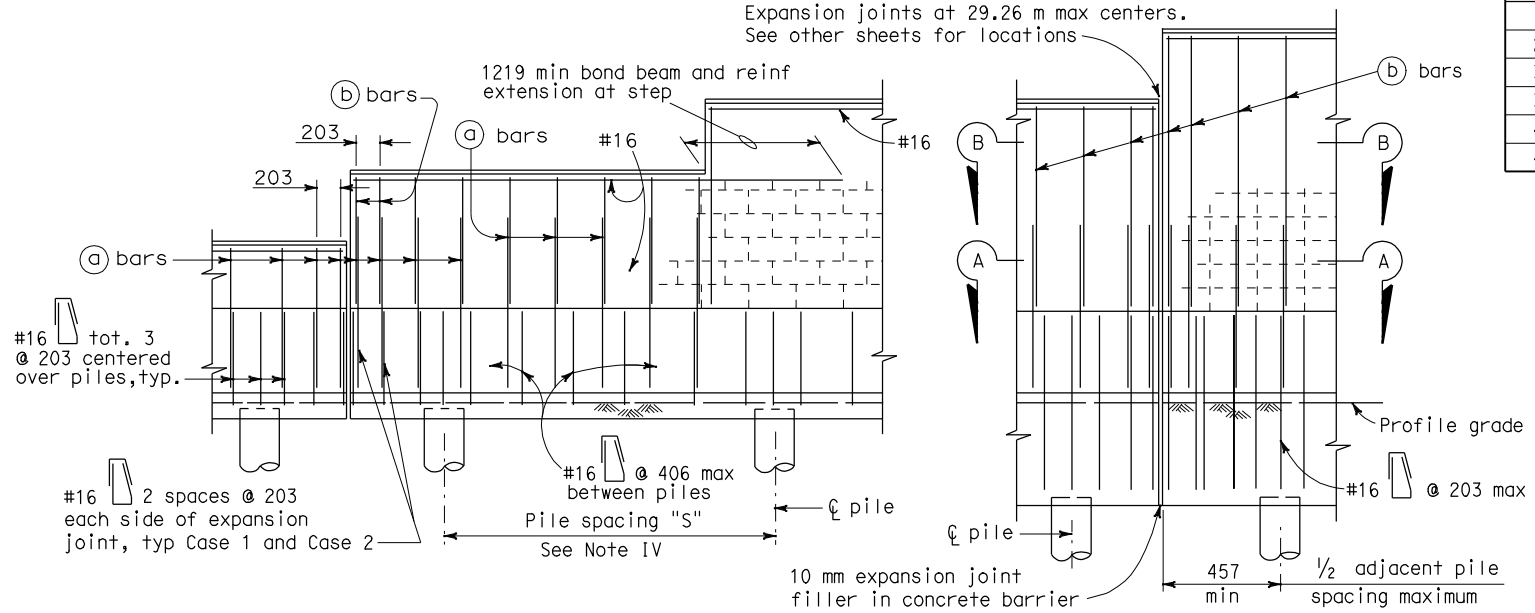
For details not shown, See Case 2.
Level ground $\pm 10\%$ on both sides of barrier.

CASE 2

For details not shown, See Case 1.
Level ground $\pm 10\%$ at the traffic side of barrier
and sloping ground on the opposite side.

BARRIER SECTIONS

Expansion joints at 29.26 m max centers.
See other sheets for locations



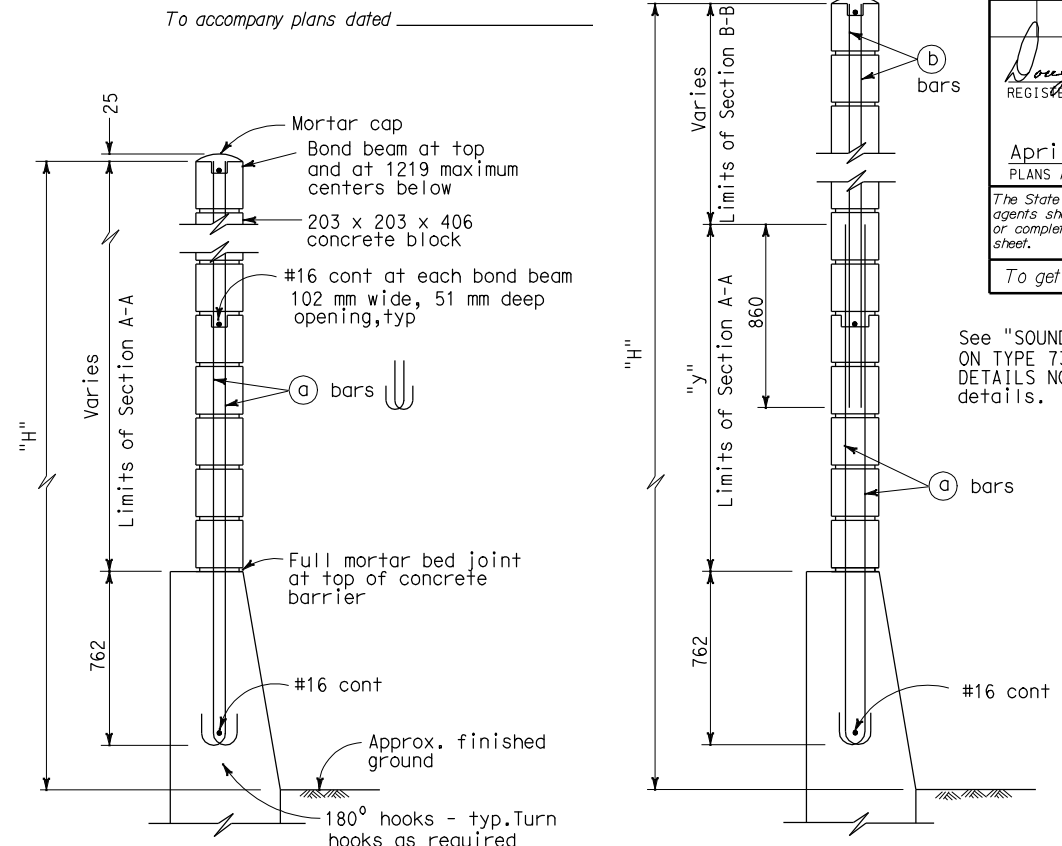
CASE 1

For details not shown, See Case 2.

CASE 2

For details not shown, See Case 1.

PART ELEVATIONS



H=1930 THRU H=3150

For details not shown, see H=3750 thru H=4980.

H=3759 THRU H=4978

For details not shown, see H=1930 thru H=3150.

TYPICAL SECTIONS

SOUNDWALL REINFORCEMENT TABLE

Maximum H	(a) bars @ 406 max	(b) bars @ 406 max	"y"	f'm (MPa)	Compressive Strength of CMU (MPa)	Maximum H
1930	#13	---	---	10.34	13.1	1930
2540	#13	---	---	10.34	13.1	2540
3150	#13	---	---	10.34	13.1	3150
3759	#16	#13	1524	10.34	13.1	3759
4369	#19	#13	2134	10.34	13.1	4369
4978	#19	#13	2743	17.24	25.6	4978

NOTES I THROUGH VI

- I. Details shown are primarily to conform design of soundwalls to Type 736S and Type 736 SV Concrete Barriers. For soundwall details conforming with barriers see "SOUNDWALL - MASONRY BLOCK ON TYPE 736S/SV BARRIER - DETAILS (2) and (3) sheets.
- II. For details not shown, see "SOUNDWALL - MASONRY BLOCK ON TYPE 736S/SV BARRIER - DETAILS NO. 2 and DETAILS NO. 3" sheets.
- III. Slope ground at traffic side of barrier to drain. Maximum slope $\pm 10\%$. See Std. Plan B11-56, Note D.
- IV. Pile spacing may be varied, but shall not exceed the tabular values. See "DETAILS (3)".
- V. For Case 1 - ground line to be at the same elevation on both sides of the barrier. Barrier shall not be used to retain earth.
- VI. See "SOUNDWALL MASONRY BLOCK - MISCELLANEOUS DETAILS" sheet for other details.

NOTES A THROUGH G

- A. For type of block, type of block bond, and joint finish, see other sheets.
- B. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2 - 3.76 mm wires continuous at 1219 mm maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
- C. Horizontal joints shall be tooled concave or may be weathered. Vertical joints shall be tooled concave or may be raked.
- D. For intermediate wall heights (H), or barrier depths (H), that are between the values given, use the tabular information for the next higher (H) or (H).
- E. Class 2 concrete to be used for the barrier.
- F. Masonry strengths are listed in the "SOUNDWALL REINFORCEMENT TABLE".

SOUNDWALL MASONRY BLOCK ON TYPE 736S/SV BARRIER DETAILS (1)

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

RSP B15-6 DATED APRIL 28, 2005 SUPERSEDES STANDARD PLAN B15-6 DATED JULY 1, 2004-PAGE 296 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP B15-6

DIST COUNTY ROUTE KILOMETER POST TOTAL PROJECT SHEET NO. TOTAL SHEETS

April 28, 2005
PLANS APPROVAL DATE

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